Subject: Re: hdf5 write sample code
Posted by R.G.Stockwell on Tue, 18 Jan 2005 16:52:33 GMT
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"vinesh gautam" <vineshgautam@gmail.com> wrote in message
news:f243c15.0501180028.41b959df@posting.google.com...
> Hi to all
> I am new to IDL. I want to extract data from a file and want to put
> these data to HDF5 file so that data can be showen in like
> spreadsheet. Can anybody suggest me or give me any example code
> regarding this.
>
> Regards
> Vineshgautam@gmail.com

Hello,
from IDL you can run the following commands to see what hdf library you
have.

HDF_LIB_INFO, MAJOR=MAJOR, MINOR=MINOR, VERSION=VER, RELEASE=REL
PRINT, 'IDL ', !version.release, ' uses HDF Library ', $
  MAJOR, MINOR, REL, FORMAT='(A,A,A,I1,".",I1,"r",I1,A)'
PRINT, VER
end

Here is the result I get

IDL 6.1.1 uses HDF Library 4.1r5
NCSA HDF Version 4.1 Release 5, November 5, 2001

I don't use HDF, but it appears that version 5 (of hdf) is not available
in the regular install of IDL v6.1.1. If you go to http://rsinc.com/ you
can find that you
can download the hdf 5 DLM.

Anyways, there is some example code at
c:\RSI\IDL61\examples\data_access\sdf\hdf_info.pro
also look at
c:\RSI\IDL61\examples\data_access\sdf\hdf_rdwr.pro

(these paths are a likely one for a ms windows machine, if you have a
different platform, the full path will be slightly different)

Cheers,
bob

Subject: Re: hdf5 write sample code
Posted by David Fanning on Tue, 18 Jan 2005 16:59:52 GMT
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R.G. Stockwell writes:

> I don't use HDF, but it appears that version 5 (of hdf) is not available
> in the regular install of IDL v6.1.1. If you go to http://rsinc.com/ you
> can find that you
> can download the hdf 5 DLM.

The IDL on-line documentation lists a bunch of routines
named H5****** that appear to be routines to read HDF5
files. I don't see anything that looks like it allows
you to write these kinds of files.

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: hdf5 write sample code
Posted by Michael Wallace on Tue, 18 Jan 2005 17:11:00 GMT
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>> I don't use HDF, but it appears that version 5 (of hdf) is not available
>> in the regular install of IDL v6.1.1. If you go to http://rsinc.com/ you
>> can find that you
>> can download the hdf 5 DLM.
>
>
> The IDL on-line documentation lists a bunch of routines
> named H5****** that appear to be routines to read HDF5
> files. I don't see anything that looks like it allows
> you to write these kinds of files.

IDL has had the HDF 5 read routines since IDL 5.6. Just recently, RSI
put a DLM on their website which allows you to actually write HDF 5
files. The DLM drops into an existing IDL 6.1 installation. The more
exact link is here: http://www.rsinc.com/idl/addons_hdf5.asp

-Mike

Subject: Re: hdf5 write sample code
Posted by eddie haskell on Tue, 18 Jan 2005 18:34:56 GMT

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> IDL has had the HDF 5 read routines since IDL 5.6. Just recently, RSI
> put a DLM on their website which allows you to actually write HDF 5
> files. The DLM drops into an existing IDL 6.1 installation. The more
> exact link is here: http://www.rsinc.com/idl/addons_hdf5.asp

If you downloaded the HDF5 Write DLM, a help file
"HDF5_Write_Support.pdf" should have been installed in your
/RSI/IDL61/help/ directory. There are examples in there showing how to
create and write to HDF5 files.

Cheers,
eddie